

LTspice Model

Capacitor

NICHICON CORPORATION

MDC_UHE1C471MPD6TD_LT

Model Information

Model A macro model
Call Name MDC_UHE1C471MPD6TD_LT
Pin Assign 1:Port1 2:Port2
File List Model Library MDC_UHE1C471MPD6TD_LT.lib
Model Report MDC_UHE1C471MPD6TD_LT.pdf(this file)
Verified Simulator Version LTspice XVII
Note

References

The information which was used for modeling is as follow:

[Data Sheet]

- Date/Version CAT.8100J
- Product name UHE1C471MPD6TD
- Company name NICHICON CORPORATION

[Characteristics listed]

- Characteristics Capacitance, Impedance vs Frequency

Simulation Condition

This table shows the range of evaluated simulation range that was not occurs any convergence problems in this area.

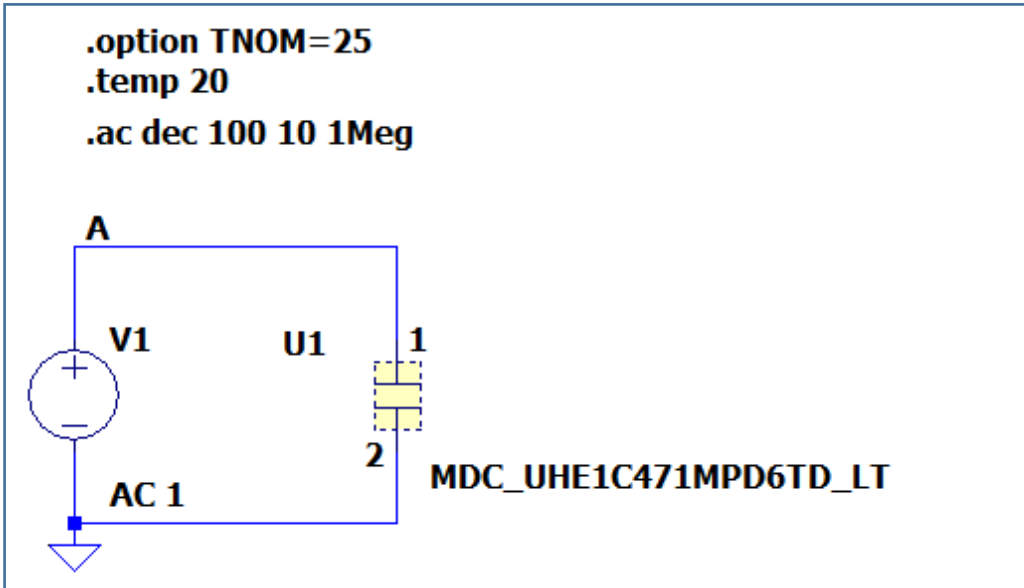
Item	Condition	Unit
Temperature	20	deg C

Model Functions Table

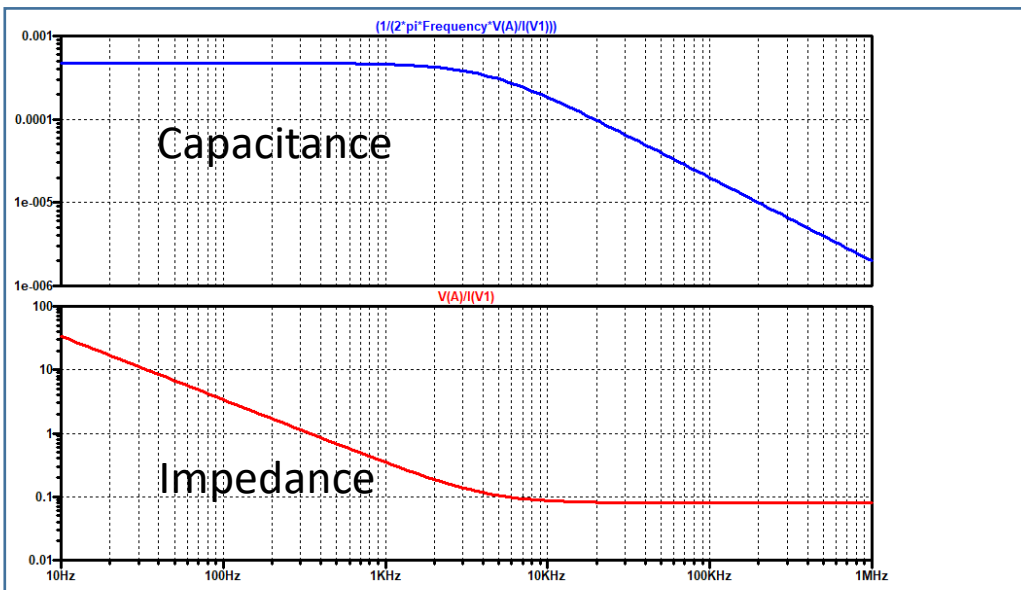
Functions	Implemented
Capacitance, Impedance vs Frequency	○

Capacitance, Impedance vs Frequency

TestBench



Simulation results are following.
 Explanatory notes — : simulated



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